

RECEIVED-WATER SUPPLY  
2021 JUL 20 AM 7:41



MISSISSIPPI STATE DEPARTMENT OF HEALTH

## 2020 CERTIFICATION

### Consumer Confidence Report (CCR)

Town of New Houlka / Houlka Washington Exp.  
Public Water System Name

0080003

0580023

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

#### CCR DISTRIBUTION (Check all boxes that apply.)

INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input checked="" type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	6-16-2021
<input checked="" type="checkbox"/> On water bills (Attach copy of bill)	6-10-2021
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
<input type="checkbox"/> Distributed via U. S. Postal Mail	
<input type="checkbox"/> Distributed via E-Mail as a URL (Provide Direct URL):	
<input type="checkbox"/> Distributed via E-Mail as an attachment	
<input type="checkbox"/> Distributed via E-Mail as text within the body of email message	
<input type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	
<input type="checkbox"/> Posted in public places (attach list of locations)	
<input type="checkbox"/> Posted online at the following address (Provide Direct URL):	

#### CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.

Daniel Ray  
Name

operator  
Title

6-17-2021  
Date

#### SUBMISSION OPTIONS (Select one method ONLY)

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

Mail: (U.S. Postal Service)  
MSDH, Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

Email: [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

Fax: (601) 576-7800

(NOT PREFERRED)

**CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021**

# PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI  
COUNTY CHICKASAW

Before the undersigned authority of said county and state, personally appeared before Teresa Nichols clerk of a public newspaper published in the City of Houston, County of Chickasaw, State of Mississippi, called the Chickasaw Journal, who, being duly sworn, doth depose and say that the publication of the notice hereto affixed has been made in said paper for 1 days, to-wit:

Vol. 115 No. 34 on the 16 day of June, 2021  
Vol.      No.      on the      day of     , 2021  
Vol.      No.      on the      day of     , 2021  
Vol.      No.      on the      day of     , 2021  
Vol.      No.      on the      day of     , 2021



Legal Ad Clerk

Sworn to and subscribed to this the 18 day of June, 2021 before me, the undersigned Notary Public of said County of Chickasaw.

By:

  
Notary Public

Printer's Fee:

282.00

2020 Annual Drinking Water Quality Report  
Town of New Houlka  
PWSID: 0580023 & 0580025  
June 2021

We're pleased to present to you this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously improve the water treatment process and protect our water resources. We are committed to keeping the quality of your water. Our water source is from wells drawing from the Cretaceous and Ripley Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been forwarded to our public water system and is available for viewing upon request. The wells for the Town of New Houlka have received moderate susceptibility ratings to contamination.

If you have any questions about this report or concerning your water utility, please contact David Ray at 662.542.3105. We want our customers' concerns to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 PM at 201 Walker Street.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2020. In cases where monitoring started in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, chemicals. These may come from: geologic materials from the presence of minerals or from human activity; microbial contaminants, such as bacteria and viruses; and other contaminants from agricultural operations, industrial processes, and domestic wastewater discharges. All of these contaminants may be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater runoff, and residential use, such as lawn care, pesticides, and herbicides, which may come from a variety of sources including agricultural operations, industrial processes, and petroleum production, and can also come from gas stations and other sources. EPA's maximum contaminant level goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a margin of safety. Maximum contaminant level goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a margin of safety. Maximum contaminant level goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a margin of safety. Maximum contaminant level goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a margin of safety.

In this table you will find many health and safety concerns you might not be familiar with. To help you better understand these issues we've provided the following definitions:

Action level - the concentration of a contaminant which, if exceeded, trigger treatment of drinking water. MCLs are set at or below the MCLG as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set for a margin of safety.

Maximum Contaminant Level (MCL) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLs are set at or below the MCLG as feasible using the best available treatment technology.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is potential for adverse health effects if a disinfectant is consistently present at high levels.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Part per million (ppm) or milligrams per liter (mg/L) - one part per million corresponds to one milligram in one liter or one gram in one kilogram.

Public Water System (PWS) - a community water supply system that serves at least 15 connections or at least 150 people or at least 1,000 gallons of water per day.

PWS ID# 0580023

TEST RESULTS

Contaminant, Violation Y/N, Date Collected, Level Detected, Range of Detects or # of Samples Exceeding MCLG, MCL, MRDL, Likely Source of Contamination

Inorganic Contaminants

8. Arsenic, N, 2020, 1.7, No Range, ppm, N/A, 10, Discharge of natural deposits from geologic materials from mines and electronics production wastes

10. Barium, N, 2020, 0.02, 0.02 - 0.04, ppm, 2, 2, Discharge of mining wastes, discharge from metal refineries, and natural deposits

13. Chromium, N, 2020, 2, 1.0 - 2, ppm, 100, 100, Discharge from steel and other metal processing, and natural deposits

54. Copper, N, 2016/20, 3, 0, ppm, 1.3, AL+1.3, Corrosion of household plumbing systems, erosion of natural deposits leaching from soil

19. Fluoride, N, 2016, 1.73, 1.19 - 1.73, ppm, 4, 4, Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead, N, 2016/20, 2, 0, ppm, 0, AL+0.05, Corrosion of household plumbing systems, erosion of natural deposits

Sodium	N	2016/20	100000	No Range	ppm	0	0	Roof Salt, Water Treatment Chemicals, Water Softeners and Seepage Effluents
<b>Disinfection By-Products</b>								
B1: HAAS	N	2016/20	1	No Range	ppb	0	0	By-Product of drinking water disinfection
B2: THM4 (Total Trihalomethanes)	N	2016/20	1.12	No Range	ppb	0	0	By-Product of drinking water disinfection
Chlorine	N	2020	1.3	1.0 - 2.74	mgd	0	MCL+4	Water additive used to control microbes

TEST RESULTS

PWS ID# 0580023

Contaminant, Violation Y/N, Date Collected, Level Detected, Range of Detects or # of Samples Exceeding MCLG, MCL, MRDL, Likely Source of Contamination

Inorganic Contaminants

10. Barium, N, 2016/20, 0.02, 0.02 - 0.04, ppm, 2, 2, Discharge of mining wastes, discharge from metal refineries, and natural deposits

14. Copper, N, 2016/20, 3, 0, ppm, 1.3, AL+1.3, Corrosion of household plumbing systems, erosion of natural deposits leaching from soil

16. Fluoride, N, 2016/20, 1.73, 1.19 - 1.73, ppm, 4, 4, Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead, N, 2016/20, 2, 0, ppm, 0, AL+0.05, Corrosion of household plumbing systems, erosion of natural deposits

Sodium, N, 2016/20, 100000, No Range, ppm, 0, 0, Roof Salt, Water Treatment Chemicals, Water Softeners and Seepage Effluents

Disinfection By-Products

B1: HAAS, N, 2016/20, 1, No Range, ppb, 0, 0, By-Product of drinking water disinfection

Chlorine, N, 2020, 1.3, 1.0 - 2.74, mgd, 0, MCL+4, Water additive used to control microbes

1. Total Trihalomethanes (TTHM) - No sample required for 2020

2. Total Coliform Bacteria (TCB) - No sample required for 2020

3. Total Chlorine Residual (TCR) - No sample required for 2020

4. Total Dissolved Solids (TDS) - No sample required for 2020

5. Total Hardness (TH) - No sample required for 2020

6. Total Suspended Solids (TSS) - No sample required for 2020

7. Total Phosphate (TP) - No sample required for 2020

8. Total Nitrate (TN) - No sample required for 2020

9. Total Ammonia Nitrogen (TAN) - No sample required for 2020

10. Total Organic Carbon (TOC) - No sample required for 2020

11. Total Dissolved Organic Carbon (TDOC) - No sample required for 2020

12. Total Dissolved Inorganic Carbon (TDIC) - No sample required for 2020

13. Total Dissolved Silica (TDSi) - No sample required for 2020

14. Total Dissolved Sulfate (TDSs) - No sample required for 2020

15. Total Dissolved Chloride (TDScl) - No sample required for 2020

16. Total Dissolved Fluoride (TDSf) - No sample required for 2020

17. Total Dissolved Iron (TDSi) - No sample required for 2020

18. Total Dissolved Manganese (TDSm) - No sample required for 2020

19. Total Dissolved Zinc (TDSz) - No sample required for 2020

20. Total Dissolved Copper (TDScu) - No sample required for 2020

21. Total Dissolved Nickel (TDSni) - No sample required for 2020

22. Total Dissolved Cadmium (TDScd) - No sample required for 2020

23. Total Dissolved Lead (TDSpb) - No sample required for 2020

24. Total Dissolved Silver (TDSag) - No sample required for 2020

25. Total Dissolved Selenium (TDSse) - No sample required for 2020

26. Total Dissolved Tellurium (TDSte) - No sample required for 2020

27. Total Dissolved Vanadium (TDSv) - No sample required for 2020

28. Total Dissolved Molybdenum (TDSmo) - No sample required for 2020

29. Total Dissolved Boron (TDSb) - No sample required for 2020

30. Total Dissolved Beryllium (TDSbe) - No sample required for 2020

31. Total Dissolved Antimony (TDSsb) - No sample required for 2020

32. Total Dissolved Arsenic (TDSas) - No sample required for 2020

33. Total Dissolved Barium (TDSba) - No sample required for 2020

34. Total Dissolved Bismuth (TDSbi) - No sample required for 2020

35. Total Dissolved Cadmium (TDScd) - No sample required for 2020

36. Total Dissolved Calcium (TDSca) - No sample required for 2020

37. Total Dissolved Cobalt (TDSco) - No sample required for 2020

38. Total Dissolved Chromium (TDScr) - No sample required for 2020

39. Total Dissolved Copper (TDScu) - No sample required for 2020

40. Total Dissolved Fluorine (TDSf) - No sample required for 2020

41. Total Dissolved Gallium (TDSga) - No sample required for 2020

42. Total Dissolved Germanium (TDSge) - No sample required for 2020

43. Total Dissolved Gold (TDSau) - No sample required for 2020

44. Total Dissolved Hafnium (TDShf) - No sample required for 2020

45. Total Dissolved Hydrogen (TDSH) - No sample required for 2020

46. Total Dissolved Iodine (TDSi) - No sample required for 2020

47. Total Dissolved Iron (TDSi) - No sample required for 2020

48. Total Dissolved Lead (TDSpb) - No sample required for 2020

49. Total Dissolved Lithium (TDSli) - No sample required for 2020

50. Total Dissolved Magnesium (TDSmg) - No sample required for 2020

51. Total Dissolved Manganese (TDSm) - No sample required for 2020

52. Total Dissolved Mercury (TDSHg) - No sample required for 2020

53. Total Dissolved Molybdenum (TDSmo) - No sample required for 2020

54. Total Dissolved Nickel (TDSni) - No sample required for 2020

55. Total Dissolved Nitrogen (TDSN) - No sample required for 2020

56. Total Dissolved Potassium (TDSK) - No sample required for 2020

57. Total Dissolved Selenium (TDSse) - No sample required for 2020

58. Total Dissolved Silver (TDSag) - No sample required for 2020

59. Total Dissolved Sodium (TDSNa) - No sample required for 2020

60. Total Dissolved Sulfur (TDSs) - No sample required for 2020

61. Total Dissolved Tellurium (TDSte) - No sample required for 2020

62. Total Dissolved Thallium (TDStl) - No sample required for 2020

63. Total Dissolved Tin (TDSsn) - No sample required for 2020

64. Total Dissolved Vanadium (TDSv) - No sample required for 2020

65. Total Dissolved Zinc (TDSzn) - No sample required for 2020

66. Total Dissolved Zirconium (TDSzr) - No sample required for 2020

67. Total Dissolved Bismuth (TDSbi) - No sample required for 2020

68. Total Dissolved Boron (TDSb) - No sample required for 2020

69. Total Dissolved Cadmium (TDScd) - No sample required for 2020

70. Total Dissolved Calcium (TDSca) - No sample required for 2020

71. Total Dissolved Cobalt (TDSco) - No sample required for 2020

72. Total Dissolved Chromium (TDScr) - No sample required for 2020

73. Total Dissolved Copper (TDScu) - No sample required for 2020

74. Total Dissolved Fluorine (TDSf) - No sample required for 2020

75. Total Dissolved Gallium (TDSga) - No sample required for 2020

76. Total Dissolved Germanium (TDSge) - No sample required for 2020

77. Total Dissolved Gold (TDSau) - No sample required for 2020

78. Total Dissolved Hafnium (TDShf) - No sample required for 2020

79. Total Dissolved Hydrogen (TDSH) - No sample required for 2020

80. Total Dissolved Iodine (TDSi) - No sample required for 2020

81. Total Dissolved Iron (TDSi) - No sample required for 2020

82. Total Dissolved Lead (TDSpb) - No sample required for 2020

83. Total Dissolved Lithium (TDSli) - No sample required for 2020

84. Total Dissolved Magnesium (TDSmg) - No sample required for 2020

85. Total Dissolved Manganese (TDSm) - No sample required for 2020

86. Total Dissolved Mercury (TDSHg) - No sample required for 2020

87. Total Dissolved Molybdenum (TDSmo) - No sample required for 2020

88. Total Dissolved Nickel (TDSni) - No sample required for 2020

89. Total Dissolved Nitrogen (TDSN) - No sample required for 2020

90. Total Dissolved Potassium (TDSK) - No sample required for 2020

91. Total Dissolved Selenium (TDSse) - No sample required for 2020

92. Total Dissolved Silver (TDSag) - No sample required for 2020

93. Total Dissolved Sodium (TDSNa) - No sample required for 2020

94. Total Dissolved Sulfur (TDSs) - No sample required for 2020

95. Total Dissolved Tellurium (TDSte) - No sample required for 2020

96. Total Dissolved Thallium (TDStl) - No sample required for 2020

97. Total Dissolved Tin (TDSsn) - No sample required for 2020

98. Total Dissolved Vanadium (TDSv) - No sample required for 2020

99. Total Dissolved Zinc (TDSzn) - No sample required for 2020

100. Total Dissolved Zirconium (TDSzr) - No sample required for 2020

ACCOUNT NO 020770000	SERVICE FROM 05/17	SERVICE TO 06/18
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SERVICE ADDRESS  
87 ACORN DR

CURRENT	METER READINGS PREVIOUS	USED
32110	32016	94

CHARGE FOR SERVICES	
WTR	39.20

CREDIT BAL .02-  
NET DUE >>> 39.18  
SAVE THIS >> 3.92  
GROSS DUE >> 43.10

RETURN THIS STUB WITH PAYMENT TO:  
TOWN OF NEW HOULKA WATER DEPT  
P.O. BOX 416  
NEW HOULKA, MS 38850  
662-568-2745

PREPAID  
FIRST CLASS MAIL  
U.S. POSTAGE  
PAID  
PLANT NO. 1  
NEW HOULKA, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE 07/10/2021	PAY GROSS AMOUNT AFTER DUE DATE
NET AMOUNT 39.18	SAVE THIS 3.92	GROSS AMOUNT 43.10

CCR AVAILABLE AT CITY HALL  
CUT OFF AFTER 15TH OF MONTH

020770000 RETURN SERVICE REQUESTED  
SHAUN IRWIN

87 ACORN DR  
RANDOLPH, MS 38864



2020 Annual Drinking Water Quality Report  
Town of New Houlika  
PWS#: 0090003 & 0580023  
June 2021

RECEIVED-WATER SUPPLY

2021 JUN -7 AM 8:02

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Eutaw/McShan and Ripley Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of New Houlika have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact David Ray at 662.542.3180. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 PM at 201 Walker Street.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

**Action Level** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL)** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Maximum Residual Disinfectant Level (MRDL)** - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

**Maximum Residual Disinfectant Level Goal (MRDLG)** - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID#:0090003		TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2020	1.7	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2020	.0362	.0352 - .0362	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020	2	1.9 - 2	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2020	.172	.118 - .172	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits



Sodium	N	2019*	100000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2018*	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019*	1.12	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	1.3	.34– 2.74	mg/l	0	MDRL = 4	Water additive used to control microbes

<b>PWS ID#: 0580023 TEST RESULTS</b>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2019*	.0166	.0161 - .0166	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.909	.76 – .909	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	180000	170000 - 180000	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2016*	4	3 - 4	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2020	1.7	.3– 2.74	mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2020.

*Microbiological Contaminants:*

(1) Total Coliform/E. Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

*Disinfection By-Products:*

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. On System # 580023 during July 2020, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 1 samples and took none. We have since taken the required sample that showed we are meeting drinking water standards.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of New Houlika works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.